
New England Telephone and Telegraph Company

3. Virtual Collocation
3.4 Splitter Arrangements

3.4.1 Description	
A.	Splitter arrangements must be installed and connected in a CLEC's virtual collocation arrangement before an order for a line sharing arrangement may be submitted.
1.	The splitter must be ANSI T1.413 or multiple virtual line compliant. Technical specifications described in Part E, Section 3.3.6 also apply.
B.	A splitter arrangement may be installed as part of an initial or subsequent virtual collocation application.
C.	The Telephone Company will inventory and maintain the CLEC-provided splitter in Telephone Company space within the same serving end office as the virtual collocation arrangement. The Telephone Company will direct any required work activity. The demarcation point is at the splitter end of the cable connecting the CLEC virtual collocation arrangement and the splitter. Cabling will be installed with the splitter as part of the virtual collocation augment.
1.	The Telephone Company will provide a splitter inventory to the CLEC upon completion of the required splitter installation.
2.	Depending on the CLEC's equipment configuration, the splitter may be installed in a relay rack as described in Part E, Section 2.5.1.

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3.5 Application of Rates and Charges

3.5.1 General	
A.	The Telephone Company will apply charges and subsequently bill the CLEC upon completion of the installation, (i.e., when the Telephone Company has finished providing all elements of the installation that are under its control). The lack of readiness of the CLEC to utilize the completed arrangement will not impair the right of the Telephone Company to apply charges and commence billing.

3.5.2 Application Fees	
A.	In order to process the CLEC's application, the following charges apply as appropriate. <ol style="list-style-type: none"> 1. Initial Arrangement—This NRC applies for a CLEC's initial request for a virtual collocation arrangement at a Telephone Company premises. 2. Subsequent Arrangement—This NRC applies when a CLEC requests subsequent equipment additions to its existing virtual collocation arrangement. 3. Augment–Rearrangement of Equipment—When the CLEC requests cabling for an existing virtual collocation arrangement that was partially cabled and equipped, an NRC applies. This charge also applies if the CLEC has an existing virtual collocation arrangement that is fully cabled and equipped, and the CLEC requests that the equipment be reconfigured and/or recabled. Rearrangements are subject to this same NRC. 4. Software Upgrades/Additional Cards per Shelf—No application fee applies in association with software upgrades or adding cards to partially equipped equipment.
B.	If the CLEC cancels or withdraws its application prior to turn-up, the CLEC is liable for all costs and liabilities incurred by the Telephone Company in developing, establishing, or otherwise furnishing of the arrangement, up to the point that the application was cancelled or withdrawn.
C.	If a CLEC cancels its request prior to installation, the application fee will be refunded, less any costs incurred by the Telephone Company.

3.5.3 Engineering and Implementation	
A.	Initial Arrangement —This NRC applies for a CLEC's initial request for a virtual collocation arrangement at a Telephone Company premises.
B.	Subsequent Arrangement —This NRC applies when a CLEC requests subsequent equipment additions to its existing virtual collocation arrangement.

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3.5.3 Engineering and Implementation	
C.	Augment–Rearrangement of Equipment —When the CLEC requests cabling for an existing virtual collocation arrangement that was partially cabled and equipped, an NRC applies. This charge also applies if the CLEC has an existing virtual collocation arrangement that is fully cabled and equipped, and the CLEC requests that the equipment be reconfigured and/or recabled. Rearrangements are subject to this same NRC.
D.	Software Upgrades/Additional Cards per Shelf —This NRC applies on a per shelf basis for upgrading existing software or to replace cards.

3.5.4 Installation/Acceptance Testing	
A.	This NRC provides for the installation of the virtually collocated equipment.
1.	An installation fee will be developed on an individual case basis for CLEC-specified equipment which is non-standard or equipment which cannot be adequately classified as either OC3, OC12, OC48 or lite-span.
B.	The installation charge will be billed to the CLEC on the first bill cycle after completion of the arrangement.
C.	The CLEC is responsible for all expenses associated with licensing, and placing their fiber in manhole zero.

3.5.5 Interconnection Access Charge (IAC)	
A.	An IAC NRC provides for the cost of engineering, furnishing, and installing the cabling between the collocated equipment and the Telephone Company's distribution/cross connect frames, along with associated termination block or panel. If a non-standard arrangement requires special cabling or equipment, this charge will be adjusted accordingly. There will be a separate NRC assessed at each transmission rate at the time of the equipment installation to recover all costs for materials and installation.
B.	An IAC monthly charge applies per termination for the ongoing support of the cabling and its associated terminations on Telephone Company equipment. The charge is applied on a per termination basis and is added coincident with the connection of each unbundled element to the virtual collocation arrangement. IACs are applied on a per termination basis for connections between the virtual arrangement and the FDF or other distributing frame used depending on the type of equipment installed. For line sharing arrangements, two terminations will apply per line.

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3.5 Application of Rates and Charges

3.5.6 Fiber Placement and Splicing

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| A. | Time and materials charges apply, per Telephone Company technician/engineer, for pulling the fiber from manhole zero to the splice point and performing the splice to Telephone Company provided optical fiber non-metallic riser-related (OFNR) type cable. The technician's/engineer's time is multiplied by the appropriate labor rates contained in Part M. |
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3.5.7 Entrance Fiber Termination

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| A. | An entrance fiber termination charge applies for providing and servicing the OFNR-type fibers and associated FDF termination. This also includes the support service for the CLEC-provided, Telephone Company-owned outside plant cable from manhole zero. This monthly charge applies, on a per termination basis in units of twelve strands. This charge also provides for the splice enclosure. |
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3.5.8 Fiber Distribution Frame (FDF)

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| A. | The FDF to virtual serving arrangement rate applies per two fibers for the cross connect at the FDF, as well as for the associated cabling to the virtual arrangement. This rate applies only when the CLEC provides their own fiber to the Telephone Company manhole. |
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3.5.9 Direct Current (DC) Power

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| A. | This monthly charge applies for the provision of -48V DC protected power required by the CLEC's equipment. It is assessed per amp, per feed provided, and will be based on the total power provisioned. The rate applies according to geographic designations set forth in Part E, Section 2. |
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3.5.10 Equipment Support

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| A. | This monthly charge provides for monthly support services, such as the cost of providing rack space, environmental support, central office alarming to directly support the equipment itself. Rack space is comprised of the cost of providing, on a monthly basis, space for the equipment to be mounted, but specifically excludes direct current power and fuse panel. Environmental and building support is also provided for in this charge. The rate applies according to geographic designations. |
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New England Telephone and Telegraph Company**3. Virtual Collocation**
3.5 Application of Rates and Charges**3.5.11 Spare Cabinet**

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| A. | This monthly charge applies for the space required for the spare cabinet. A spare cabinet is required to be placed and installed in the central office to contain spare plug-ins. The cabinet should be provided by the CLEC per the Telephone Company's specifications. The amount of spare plug-ins required will be based on the manufacturer's recommended amount, unless the Telephone Company and the CLEC mutually decide upon another amount. The rate applies according to geographic designations. |
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3.5.12 Training

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| A. | When the Telephone Company determines that training of Telephone Company technicians is necessary so as to service CLEC specified equipment that is not used by the Telephone Company in the specified central office (i.e. nonstandard arrangement equipment), the CLEC is responsible for all charges incurred by the Telephone Company in association with technician training. Refer to regulations for use of non-standard equipment. |
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3.5.13 Maintenance

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| A. | Maintenance activity (trouble in the equipment) is to be tested, isolated and evaluated by the CLEC. Telephone Company technicians will perform the instructed activities on the equipment as specifically directed by the CLEC. The technician's time spent servicing the virtual arrangement at the CLEC's discretion will be billed to the CLEC on a per occurrence basis, at the appropriate labor rates. |
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3.5.14 Additional Labor Charges

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| A. | Whenever work is performed on a virtual arrangement that is not a part of implementing or provisioning a standard virtual arrangement, additional labor charges apply. Additional labor charges include but are not limited to the following examples. |
| 1. | Escort service |
| 2. | Implementation or provisioning a non-standard arrangement |
| 3. | Additions and rearrangements |

3.5.15 Late Payment Penalty

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| A. | Charges specified in Part A, Section 4 apply. |
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3. Virtual Collocation
3.5 Application of Rates and Charges

3.5.16 Splitter Arrangements	
A.	Augment NRCs —When a splitter arrangement is to be installed as part of an existing virtual collocation arrangement, the Augment–Rearrangement of Equipment Application Fee NRC and Subsequent Arrangement Engineering and Implementation NRC will apply.
B.	Splitter Installation NRC —Applies, per shelf, for Telephone Company engineering and installation of the CLEC-provided splitter.
C.	Splitter Support —Monthly rate applies, per shelf, for splitters deployed in a separate relay rack as part of the virtual collocation arrangement.
D.	Maintenance of Splitter Equipment —Monthly rate applies, per shelf, for splitter arrangements.